

Sub
FI
1. (TWICE AMENDED) In a multi-layer biaxially oriented polyolefin film, the combination comprising:

81
a. a biaxially oriented surface layer of said film comprising a thermoplastic polymer capable of forming a heat seal with a corresponding thermoplastic polymer upon heating to an elevated temperature and compression; and

b. a biaxially oriented core layer contiguous to and coextruded with said surface layer, said core layer having a thickness greater than said surface layer, said core layer formed of ethylene-propylene copolymer having an isotactic structure and containing ethylene in an amount of no more than one weight percent which is effective to provide an inter-layer bond strength with said surface layer which is at least 15 percent greater than the inter-layer bond strength between said surface layer and a film formed of isotactic polypropylene homopolymer.

Sub
P1

31. (TWICE AMENDED) In a multi-layer biaxially oriented polyolefin film, the combination comprising:

92

a. a biaxially oriented surface layer of said film comprising a thermoplastic polymer capable of forming a heat seal with a corresponding thermoplastic polymer upon heating to an elevated temperature and compression; and

b. a biaxially oriented core layer contiguous to and coextruded with said surface layer, said core layer having a thickness greater than said surface layer, said core layer formed of ethylene-propylene copolymer having an isotactic structure and containing ethylene in an amount of no more than one weight percent which is effective to provide an inter-layer bond strength with said surface layer which is at least 50 percent greater than the inter-layer bond strength between said surface layer and a film formed of isotactic polypropylene homopolymer.

Sub
F1
cont

32. (TWICE AMENDED) In a multi-layer biaxially oriented polyolefin film, the combination comprising:

a. a biaxially oriented surface layer of said film comprising a thermoplastic polymer capable of forming a heat seal with a corresponding thermoplastic polymer upon heating to an elevated temperature and compression; and

Q2
Contd

b. a biaxially oriented core layer contiguous to and coextruded with said surface layer, said core layer having a thickness greater than said surface layer, said core layer formed of ethylene-propylene copolymer having an isotactic structure and containing ethylene in an amount between 0.3 and 0.5 weight percent which is effective to provide an inter-layer bond strength with said surface layer which is at least 30 percent greater than the inter-layer bond strength between said surface layer and a film formed of isotactic polypropylene homopolymer.